

Petersen Mitigation Bank

Largest mitigation bank in California.

First mitigation bank in LA County; 2-bank property: Petersen Ranch and Elizabeth Lake Bank.

Located within the boundaries of the San Andreas Rift Zone Significant Ecological Area.

Eastern foothills of the Los Padres National Forest. About 15 miles directly west of Lancaster. (between SR 14 on the east and Freeway 5 on the west)

Previously used as hunting ranch for publishing magnate Robert Petersen who created duck ponds along the rift valley. Bank will decommission ponds to allow for return of flow through wetlands. On Elizabeth Lake, small ag dams will be removed or modified to allow for return of alluvial fans.

Primary, Secondary and Tertiary Service Areas: Santa Clara River watershed.

Resources: lakes, ponds, wetlands, streams, alluvial floodplains, and riparian. Swainson's hawk, tri-colored blackbird, Pacific pond turtle, Blainville's lizard, Pierson's morning glory, and Parish's sagebrush.

4100 acre bank (Creditable area: 3,697 acres):

404 re-establishment/enhancement: 355 acres = 105 re-establishment credits

404 Preservation: 837 acres = 837 Preservation Credits

Table 1: 404 Uniform Re-Establishment Credits

	Area A	Area B	Area C	Area D	Area E	Area F
Alluvial Floodplain	3.87				25.95	7.09
Ephemeral Stream	1.59			0.99	1.02	2.02
Freshwater Marsh	0.36				0.05	8.95
Open Water	0.08			0.67	1.64	
Seasonal Wetland	35.89			2.78		
Wetland Riparian	9.09			2.97		
TOTAL	[=SUM(A BOVE)]			[=SUM(A BOVE)]	[=SUM(A BOVE)]	[=SUM(A BOVE)]

Table 2: 404 Preservation Credits

	Area A	Area B	Area C	Area D	Area E	Area F
Alluvial Floodplain Riparian Buffer	0.02					
Alluvial Floodplain Upland Buffer	0.32					
Ephemeral Stream	0.32			0.43		
Ephemeral Stream Riparian Buffer	2.05			8.83		
Ephemeral Stream Upland Buffer	36.26		2.86	59.09		
Freshwater Marsh Upland Buffer	2.12					
Open Water					1.23	9.22
Open Water Riparian Buffer	0.23			0.22		
Open Water Upland Buffer	5.31			1.62		
Seasonal Wetland	1.29		0.24	3.59		
Seasonal Wetland Riparian Buffer	14.56		0.08	1.39		
Seasonal Wetland Upland Buffer	264.51		11.95	149.03		
Wetland Riparian Riparian Buffer	4.78			12.92		
Wetland Riparian Upland Buffer	142.17		9.85	90.89		
TOTAL	[=SUM(A BOVE)]		[=SUM(A BOVE)]	[=SUM(A BOVE)]	[=SUM(A BOVE)]	[=SUM(A BOVE)]